

I claim,

1. A bottle cap for a neck of a bottle having a cap body with a lower portion that is shaped to connect with the bottle neck; an upwardly protruding  
5 nozzle at an upper portion of the bottle cap having an outlet opening at an edge portion of the nozzle for dispensing liquid; a closing lid that is movable to close and open the opening; and a telescope straw that has a first straw portion and a second straw portion, the first straw portion being secured to the cap body, and the second straw portion being axially movable and extending upward out of the  
10 nozzle.

2. The bottle cap of Claim 1, wherein an upper end of the second straw portion has a thickened portion, enabling a user to grip the thickened portion with the teeth or lips of the user for withdrawing the second straw portion;  
15 and a lower portion of the second straw portion has a radial thickened portion and the first straw portion has a waist at an upper end portion thereof that bears against the thickened portion of the lower portion of the second straw portion.

3. The bottle cap of Claim 2, wherein the protruding nozzle defines a  
20 nozzle wall; a pump button, associated with a spray pump of the cap body, is placed adjacent to the nozzle wall and is directed upwardly in an axial direction of the bottle cap; and the spray pump is equipped with a spray nozzle that is directed substantially in a normal direction to the nozzle wall and away from an

exposed surface of the nozzle wall.

4. The bottle cap of Claim 3, wherein a lower edge of the nozzle wall extends to an upper portion of a first sidewall associated with a channel of the  
5 cap body and the channel has an opposite second sidewall that is adjacent to the circumference of the bottle cap.

5. The bottle cap of Claim 4, wherein an upper surface of the pump button has a concave shape that has a length that is substantially parallel to the  
10 nozzle wall.

6. The bottle cap of Claim 5, wherein the closing lid is connected to an exterior of the lower portion of the cap body by a shaft and the closing lid is swingably attached to the shaft.

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7. A multifunctional bottle cap comprising:  
(a) a cap body having a lower portion with internal threads for connecting to a neck of a bottle, and an upper portion having an upwardly protruding nozzle with an outlet opening at an edge portion of the protruding  
20 nozzle for dispensing liquid;  
(b) a straw having an upper end extending out of the protruding nozzle adjacent to the outlet opening, the straw being vertically movable to extend upward from the cap body, and

(c) a spray assembly having a press pumping mechanism connected to an aspiration tube and a pump button extending upwardly, and a spray nozzle in perpendicular to a longitudinal axis of the cap body; the spray assembly being positioned next to the protruding nozzle.

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8. The multifunctional bottle cap of Claim 7, wherein the protruding nozzle defines a nozzle wall, the pump button is placed adjacent to the nozzle wall, and the spray nozzle is directed away from an exposed surface of the nozzle wall; a lower edge of the nozzle wall extends to an upper portion of a first 10 sidewall associated with a channel of the cap body and the channel has an opposite second sidewall that is adjacent to the circumference of the bottle cap; and the pump button situates in the channel between the sidewalls; and wherein the nozzle wall and the sidewalls guide a direction of a finger of an user for activating the pump button substantially in parallel to the nozzle wall.

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9. The multifunctional bottle cap of Claim 8, wherein an upper surface of the pump button has a contour that has a length substantially parallel to the nozzle wall.

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10. The multifunctional bottle cap of Claim 9, wherein the straw has a sufficient length and a lower end of the straw extends to a bottom of the bottle when the straw is in a retrieved position.

11. The multifunctional bottle cap of Claim 9, wherein the straw has an upper portion interconnecting a lower portion, the lower portion being flexible; the straw has a sufficient length and a lower end of the lower portion extends close to a bottom of the bottle when the straw is moved upward to an extending 5 position for drinking.

12. The multifunctional bottle cap of Claim 9, wherein the straw is telescopic having an outer straw and an inner straw; an upper end of the outer straw being secured to the cap body, and the inner straw being axially movable 10 and extending upward out of the cap body.

13. The multifunctional bottle cap of Claim 7 further comprising a closing lid connected to an exterior of the lower portion of the cap body by a shaft, the closing lid being swingably attached to the shaft; wherein the closing 15 lid movably closes and opens the opening of the protruding nozzle.

14. A multifunctional bottle cap comprising:

- (a) a cap body having a lower portion with internal threads for connecting to a neck of a bottle, and an upper portion having an upwardly protruding nozzle with an outlet opening at an edge portion of the protruding 20 nozzle; and
- (b) a spray assembly having a press pumping mechanism connected to an aspiration tube and a pump button extending upwardly, and a spray nozzle

in perpendicular to a longitudinal axis of the cap body; the spray assembly being positioned next to the protruding nozzle.

15. The multifunctional bottle cap of Claim 14, wherein the protruding  
5 nozzle defines a nozzle wall, the pump button is placed adjacent to the nozzle  
wall, and the spray nozzle is directed away from an exposed surface of the  
nozzle wall; a lower edge of the nozzle wall extends to an upper portion of a first  
sidewall associated with a channel of the cap body and the channel has an  
opposite second sidewall that is adjacent to the circumference of the bottle cap;  
10 and the pump button situates in the channel between the sidewalls; and wherein  
the nozzle wall and the sidewalls guide a direction of a finger of an user for  
activating the pump button substantially in parallel to the nozzle wall.

16. The multifunctional bottle cap of Claim 15, wherein an upper  
15 surface of the pump button has a contour that has a length substantially parallel  
to the nozzle wall.

17. The multifunctional bottle cap of Claim 16 further comprising a  
closing lid connected to an exterior of the lower portion of the cap body by a  
20 shaft, the closing lid being swingably attached to the shaft; wherein the closing  
lid movably closes and opens the opening of the protruding nozzle.

18. The multifunctional bottle cap of Claim 16, wherein the outlet

opening is complementary to a drinking straw.